ational Application No
./IB2004/000924

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D411/04

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, BEILSTEIN Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95/29174 A (HILL MALCOLM LEITHEAD; WHITEHEAD ANDREW JONATHAN (GB); HALLETT PETER) 2 November 1995 (1995-11-02) page 14, lines 1-5	1-17
A	US 6 329 522 B1 (HILL MALCOLM LEITHEAD ET AL) 11 December 2001 (2001-12-11) column 11, lines 20-42	1–17
A	WO 92/14743 A (UNIV EMORY) 3 September 1992 (1992-09-03) cited in the application figure 2	1-17
<b>A</b>	US 5 696 254 A (MANSOUR, TAREK ET AL) 9 December 1997 (1997-12-09) cited in the application columns 16,26; examples 16,17,20,21	1–17

Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents:  A' document defining the general state of the art which is not considered to be of particular relevance  E' earlier document but published on or after the international filing date  L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O' document referring to an oral disclosure, use, exhibition or other means  P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  21 June 2004	Date of mailing of the international search report 01/07/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Zellner, A

\*\*\*\*\*\* ational Application No
/IB2004/000924

		/162004/000924
C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Α	EP 0 515 157 A1 (BIOCHEM PHARMA INC., CAN.) 25 November 1992 (1992-11-25) the whole document	1–17
A	JEONG, L.S.; ET AL.: J. MED. CHEM., vol. 36, no. 2, 1993, pages 181-195, XP002285252 scheme 3, page 183	1-17
A	CHU, C.K.; ET AL.: J, MED. CHEM., vol. 43, no. 21, 2000, pages 3906-3912, XP002285253 page 3907, scheme 1	1–17
X	EP 0 526 253 A1 (BIOCHEM PHARMA INC., CAN.) 3 February 1993 (1993-02-03) page 3, lines 16-24	12–15
	·	
•	<i>,</i> ·	
	·	
•	·	
!		

rational Application No -/IB2004/000924

Patent document cited in search report		Publication date	·	Patent family member(s)	Publication date
· · · · · · · · · · · · · · · · · · ·			ΛP	704 A	04-12-1998
WO 9529174	Α	02-11-1995	AP	181326 T	15-07-1999
			AT AU	696612 B2	17-09-1999
			AU	2447195 A	16-11-1995
			BG	62810 B1	31-08-2000
	5-		BG	100916 A	31-07-1997
,			BR	9507499 A	23-09-1997
			CA	2188306 A1	02-11-1995
			CN	1149871 A	14-05-1997
			CZ	9603096 A3	16-04-1997
			DE	69510347 D1	22-07-1999
			DE	69510347 T2	18-11-1999
			DK	757684 T3	17-01-2000
			EE	9600134 A	15-04-1997
			MO	9529174 A1	02~11–1995
			EP	0757684 Al	12-02-1997
•			ES	2133769 T3	16-09-1999
			FI	964251 A	22-10-1996
			GR	3031043 T3	31-12-1999
			HK	1004221 A1	11-08-2000
			ĤΠ	76296 A2	28-07-1997
			IL	113432 A	21-11-2000
			JP	10502615 T	10-03-1998
			NO	964487 A	17-12-1996
			NO	995646 A	17-11-1999 28-10-1998
			NZ PL	285396 A 316904 A1	17-02-1997
			RO	117916 B1	30-09-2002
		,	RO	118714 B1	30-09-2003
			RU	2158736 C2	10-11-2000
			SI	757684 T1	31-12-1999
		•	SŔ	135596 A3	09-07-1997
			TW	487704 B	21-05-2002
			US	6329522 B1	11-12-2001
			US	6051709 A	18-04-2000
			ZA	9503235 A	21-12-1995
US 6329522	B1	11-12-2001	AP	704 A	04-12-1998
		•	AT	181326 T	15-07-1999
			AU	696612 B2	17-09-1998
			AU	2447195 A	16-11-1995
			BG	62810 B1	31-08-2000 31-07-1007
			BG	100916 A	31-07-1997 23-09-1997
			BR	9507499 A	23-09-1997 02-11-1995
			CA CN	2188306 A1 1149871 A	14-05-1997
			CZ	9603096 A3	16-04-1997
			DE	69510347 D1	22-07-1999
			DE	69510347 T2	18-11-1999
			DK	757684 T3	17-01-2000
			EE	9600134 A	15-04-1997
			WO	9529174 A1	02-11-1995
			EP	0757684 A1	12-02-1997
			ËS	2133769 T3	16-09-1999
			FΙ	964251 A	22-10-1996
			GR	3031043 T3	31–12–1999
					31-12-1999 11-08-2000 28-07-1997

ational Application No

		Dublination			32004/000924
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6329522	B1		IL	113432 A	21-11-2000
			JP	10502615 T	10-03-1998
			NO	964487 A	17-12-1996
			NO	995646 A	17-11-1999
			NZ	285396 A	28-10-1998
ļ		•	PL	316904 A1	17-02-1997
			RO	117916 B1	30-09-2002
			RO RU	118714 B1 2158736 C2	30-09-2003 10-11-2000
			SI	757684 T1	31-12-1999
			SK	135596 A3	09-07-1997
			TW	487704 B	21-05-2002
			ÜŞ	6051709 A	18-04-2000
			ZA	9503235 A	21-12-1995
WO 9214743	Α	03-09-1992	US	5210085 A	11-05-1993
			AU	1437292 A	15-09-1992 21-12-1005
1			AU AU	665187 B2 1561792 A	21-12-1995 15-09-1992
1			AU	679649 B2	03-07-1997
			AU	3794395 A	14-03-1996
			AU	8077398 A	15-10-1998
			BG	62053 B1	29-01-1999
			BG	98062 A	25-04-1994
· ·		·	BR	9205661 A	24-05-1994
			CA	2104399 A1	23-08-1992
1			CN	1418966 A	21-05-2003
}			CN CN	1065065 A ,B 1127301 A ,B	07-10-1992 24-07-1996
			CN	1203232 A ,B	30-12-1998
		•	CZ	9200497 A3	17-03-1993
			ĒΡ	0575482 A1	29-12-1993
			EΡ	0984013 A2	08-03-2000
			FΙ	933684 A	06-09-1993
•			FI	20030932 A	24-06-2003
			HU	65548 A2	28-06-1994
			HU IE	9500510 A3 920545 A1	28-11-1995 26-08-1992
			IL	100965 A	31-12-1999
			ĴΡ	3292830 B2	17-06-2002
			JР	10147586 A	02-06-1998
			JP	2901160 B2	07-06-1999
1			JP	6508605 T	29-09-1994
			KR	172590 B1	01-02-1999
1			MX	9200747 A1	01-09-1992
			NO	932980 A	20-08-1993
			NZ NZ	241625 A 250842 A	26-03-1996 26-03-1996
			NZ PL	250842 A 169842 B1	20-03-1996 30-09-1996
1			PT	109842 B1 100151 A ,B	31-05-1993
			บร	5814639 A	29-09-1998
}			ÜS	2002143194 A1	03-10-2002
			WO	9214743 A2	03-09-1992
1			WO	9214729 A1	03-09-1992
			US	5892025 A	06-04-1999
			US	5852027 A	22-12-1998
			US US	6703396 B1 6069252 A	09-03-2004 30-05-2000
			<u> </u>	000372% W	30-05 <b>-</b> 2000

ational Application No
. . /IB2004/000924

·				/ 182004/000924		
Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9214743	Α		US	6642245	B1	04-11-2003
NO 3214740	••		US	5700937		23-12-1997
			US	6346627		12-02-2002
			US	6114343		05-09-2000
			บร	5827727		27-10-1998
			บร	5728575		17-03-1998
			US 	5914331 	. A 	22-06-1999
US 5696254	Α	09-12-1997	US	5663320		02-09-1997
			US	5693787		02-12-1997
			BG	61695		31-03-1998
			BG	98310		03-01-1995
			CZ	9302492		16-03-1994
			EE	3044		. 15-10-1997
			FI	935151	. A	19–11–1993
			FI	960286	Α	19-01-1996
			FI	20001900	Α	29-08-2000
			HU	67471		28-04-1995
			MD	950172		30-08-1996
			PL	170869		31-01-1997
			PL	176026		31-03-1999
•			RO.	116812		29-06-2001
			RU	2140925		10-11-1999
			SK	129493		09-11-1994
			AT	133958		15-02-1996
			AT	157662		15-09-1997
			ΑÚ	655973		19-01-1995
			` AU	1639492		26-11-1992
		•	AU	668086		26-04-1996
			AU	1639592		26-11-1992
			AU	1690892		
						30-12-1992
		•	AU	1691392		30-12-1992
		•	BG	61696		31-03-1998
		•	BG	98311		15-08-1994
	•		CA	2069024		22-11-1992
			CA	2069063		22-11-1992
•			WO	9220696		26-11-1992
			WO	9220669		26-11-1992
			CN	1067654		06-01-1993
			CN	1067245		23-12-1992
			CN	1116204		07-02-1996
			CN	1229078	A ,B	22-09-1999
			CN	1229079	A,B	22-09-1999
			CN	1229080		22-09-1999
			CZ	9302493		13-04-1994
			CZ	9602224		14-04-1999
			CZ	285220		16-06-1999
			DE	69208144	D1	21-03-1996
			DE	69208144		05-09-1996
			DE	69221936		09-10-1997
			DE	69221936		02-01-1998
			DK	515156		17-06-1996
			DK	515157		29-09-1997
			EP	0515156		25-11-1992
			EP	0515150		25-11-1992
			ES	2084937		16-05-1996
						16-10-1997
			ES	2104832	1 4	16-10-100/

iational Application No

				/182004/000924		
Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
EP 0515157	A1	25-11-1992	AT	133958 T	15-02-1996	
			ΑT	157662 T	15-09-1997	
			AU	655973 B2	19-01-1995	
			AU	1639492 A	26-11-1992	
			ΑU	668086 B2	26-04-1996	
			ΑU	1639592 A	26-11-1992	
			AU	1690892 A	30-12-1992	
			AU	1691392 A	30-12-1992	
			BG	61695 B1	31-03-1998	
			BG	98310 A	03-01-1995 31-03-1998	
			BG	61696 B1 98311 A	15-08-1994	
			BG CA	2069024 A1	22-11-1992	
			CA	2069063 A1	22-11-1992	
•			WO	9220696 A1	26-11-1992	
			MO	9220669 A1	26-11-1992	
			CN	1067654 A ,B	06-01-1993	
			CN	1067245 A ,B	23-12-1992	
			CN	1116204 A ,B	07-02-1996	
			CN	1229078 A ,B	22-09-1999	
			CN	1229079 A ,B	22-09-1999	
			CN	1229080 A ,B	22-09-1999	
			CZ	9302492 A3	16-03-1994	
			CZ	9302493 A3	13-04-1994	
			CZ	9602224 A3	14-04-1999	
			CZ	285220 B6	16-06-1999	
			DE	69208144 D1	21-03-1996	
			DE	69208144 T2	05-09-1996	
			DE	69221936 D1	09-10-1997	
•			DE	69221936 T2	02-01-1998	
			DK	515156 T3	17-06-1996	
			DK	515157 T3	29-09-1997 15 10-1997	
			EE	3044 B1	15-10-1997 25-11-1992	
			EP	0515156 A1 2084937 T3	25-11-1992 16-05-1996	
			ES ES	2084937 13 2104832 T3	16-05-1996	
			FI	935150 A	19-11-1993	
			FI	935150 A 935151 A	19-11-1993	
			FI	960286 A	19-01-1996	
•			FI	20001900 A	29-08-2000	
•			GŔ	3018941 T3	31-05-1996	
			GR	3024617 T3	31-12-1997	
			HK	132196 A	26-07-1996	
•			HK	1002431 A1	21-08-1998	
			HU	67726 A2	28-04-1995	
			HU	67471 A2	28-04-1995	
			ΙE	921618 A1	02-12-1992	
			ΙE	921619 A1	02-12-1992	
			IL.	101931 A	05-12-1996	
EP 0526253	A1	03-02-1993	AP	321 A	28-02-1994	
			AT	227720 T	15-11-2002	
			AU	659668 B2	25-05-1995	
			AU	2340892 A	02-03-1993	
			BG	61693 B1	31-03-1998	
			BG	98616 A	31-03-1995	
			~ 4		10 00 1000	
			CA WO	2114221 A1 9303027 A1	18-02-1993 18-02-1993	

national Application No . \_ [/IB2004/000924

		<del></del>		004/ 000324	
Patent document cited in search report	Publication date	Patent family member(s)		Publication date	
EP 0526253	1	CN	1302612 A	11-07-2001	
		CN	1070191 A ,B	24-03-1993	
		CN	1132073 A ,B	02-10-1996	
		CZ	9400203 A3´	13-07-1994	
		DE	69232845 D1	19-12-2002	
		DE	69232845 T2	24-04-2003	
		DK	526253 T3	17-03-2003	
		EE	3002 B1	16-06-1997	
		EG	20193 A	30-10-1997	
		EP	1155695 A1	21-11-2001	
•		ES	2186667 T3	16-05-2003	
		FI	940435 A	28-01-1994	
		HK	1008672 A1	01-08-2003	
		HU	70030 A2	28-09-1995	
		HU	9500707 A3	28-11-1995	
		IL	102616 A	31-10-1996	
		JP	2960778 B2	12-10-1999	
		JP	7500317 T	12-01-1995	
		KR	242454 B1	02-03-2000	
		MA	22919 A1	01-04-1993	
		MD	950114 A	28-06-1996	
		MX	9204474 A1	01-12-1993	
		NO	940322 A	21-03-1994	
		NZ	243637 A	28-03-1995	
		OA	9883 A	15-09-1994	
		PT	526253 T	31-03-2003	
		RU	2126405 C1	20-02-1999	
		SG	68541 A1	16-11-1999	
		SK	10494 A3	07-12-1994	
		TJ	244 R3	24-11-1999	
•		US	5538975 A	23-07-1996	
		US	5618820 A	08-04-1997	
		ZA	9205668 A	28-04-1993	